

Environment:	cloud, 8cpus, 16gb			
Pages:	265			
Job duration	Sequential	Seq_cached	Parallel	Par_cached
cleaning_mets	4.5s	4.5s	4.6s	4.4s
dividing_mets	-	-	0.0s	0.0s
olena_bin_sauvola	11m 6s	10m 43s	10m 16s	9m 43s
anybaseocr_crop	6m 51s	6m 28s	1m 26s	1m 19s
olena_bin_kim	15m 12s	14m 20s	10m 55s	10m 16s
ocropy_denoise	55s	51s	43s	40s
ocropy_deskew_page	4m 30s	4m 33s	1m 12s	1m 9s
tesseractocr_seg_region	1m 32s	1m 27s	48s	43s
seg_repair_plausibility	9.0s	11s	33s	33s
ocropy_deskew_region	2m 50s	2m 51s	56s	53s
ocropy_clip	50s	47s	40s	36s
tesseractocr_seg_line	1m 31s	1m 25s	46s	43s
ocropy_dewarp	7m 22s	6m 45s	1m	53s
calamari_recognize	27m 31s	27m 1s	12m 25s	11m 29s
merging_mets	-	-	7m 30s	7m 17s
Total job duration	80m 31s	77m 33s	50m 45s	47m 35s
Average per page (secs)	18.23	17.56	11.49	10.77

Conclusion	Non-cached / Cached		Sequential / Parallel		Absolute
	Seq/Seq_c	Par/Par_c	Seq/Par	Seq_c/Par_c	Seq/Par_c
SpeedUp Factor	1.04	1.07	1.59	1.63	1.69
SpeedUp %	3.68	6.27	36.97	38.67	40.92

Environment:		cloud, 8cpus, 16gb		
Pages:		265		
RAM usage (median / mean)				
Memory usage	Sequential	Seq_cached	Parallel	Par_cached
cleaning_mets	91MB	90MB	96.6MB	95.6MB
dividing_mets	-	-	0MB	0MB
olena_bin_sauvola	183.2MB	180.3MB	163.6MB / 157.8MB	160.7MB / 153.3MB
anybaseocr_crop	5.485GB	5.520GB	211.0MB / 210.1MB	209.8MB / 208.9MB
olena_bin_kim	182.7MB	181.7MB	164.2MB / 158.5MB	161.0MB / 154.4MB
ocropy_denoise	219.4MB	213.1MB	33.54MB / 99.82MB	25.98MB / 49.54MB
ocropy_deskew_page	250.7MB	246.5MB	182.3MB / 180.0MB	181.1MB / 161.0MB
tesseractocr_seg_region	708.1MB	698.7MB	60.68MB / 85.90MB	46.18MB / 58.75MB
seg_repair_plausibility	122.3MB	134.5MB	70.49MB / 62.76MB	70.21MB / 66.51MB
ocropy_deskew_region	220.6MB	217.9MB	164.9MB / 148.3MB	163.9MB / 145.3MB
ocropy_clip	221.7MB	223.3 MB	25.84MB / 46.11MB	25.62MB / 43.39MB
tesseractocr_seg_line	160.7MB	161.3 MB	49.89MB / 79.14MB	43.09MB / 55.36MB
ocropy_dewarp	202.5MB	199.7 MB	155.2MB / 137.1MB	153.8MB / 135.8MB
calamari_recognize	1.635GB	1.612GB	1.046GB / 1.016GB	1.039GB / 992.2MB
merging_mets	-	-	110.3MB / 106.8MB	109.8MB / 106.1MB
RAM+Disk Swap (median / mean)				
Memory usage	Sequential	Seq_cached	Parallel	Par_cached
cleaning_mets	590.7MB	590.7MB	596MB	596MB
dividing_mets	-	-	0MB	0MB
olena_bin_sauvola	1.165GB	1.165GB	1.022GB / 1.022GB	1.017GB / 1.015GB
anybaseocr_crop	6.660GB	6.701GB	1.297GB / 1.333GB	1.297GB / 1.327GB
olena_bin_kim	1.159GB	1.159GB	1.146GB / 1.031GB	1.017GB / 1.016GB
ocropy_denoise	1.360GB	1.360GB	333.5MB / 645.5MB	36.29MB / 305.5MB
ocropy_deskew_page	940.8MB	938.1MB	871.6MB / 446.6MB	872.2MB / 792.3MB
tesseractocr_seg_region	1.248GB	1.238GB	439.8MB / 498.3MB	424.7MB / 396.5MB
seg_repair_plausibility	1.013GB	1.013GB	998.7MB / 857.4MB	998.3MB / 854.0MB
ocropy_deskew_region	910.2MB	909.8MB	851.6MB / 775.2MB	850.6MB / 729.2MB
ocropy_clip	912.0MB	915.3MB	36.23MB / 189.5MB	35.98MB / 150.1MB
tesseractocr_seg_line	733.9MB	733.4MB	430.6MB / 497.3MB	424.7MB / 397.3MB
ocropy_dewarp	892.6MB	890.4MB	846.5MB / 721.6MB	846.4MB / 721.6MB
calamari_recognize	5.767GB	5.768GB	5.045GB / 4.933MB	5.020GB / 4.913GB
merging_mets	-	-	609.8MB / 536.9MB	610.0MB / 537.1MB
IO read / write (median)				
Memory usage	Sequential	Seq_cached	Parallel	Par_cached
cleaning_mets	40.61MB / 1.09MB	40.62MB / 1.75MB	40.61MB / 1.09MB	40.62MB / 1.75MB
dividing_mets	-	-	0.284MB / 0.166MB	0.284MB / 0.166MB
olena_bin_sauvola	7.879GB / 11.04MB	7.882GB / 11.04MB	167.8MB / 0.212MB	167.9MB / 0.212MB
anybaseocr_crop	99.73MB / 50.35MB	99.73MB / 50.35MB	15.31MB /	15.31MB /
olena_bin_kim	10.58GB / 736.6MB	10.58GB / 736.6MB	177.9MB / 3.001MB	178.0MB / 3.001MB
ocropy_denoise	45.54MB / 12.51MB	45.54MB / 12.51MB	21.03MB /	21.03MB /
ocropy_deskew_page	76.21MB / 14.39MB	76.22MB / 14.39MB	21.15MB /	21.15MB /
tesseractocr_seg_region	44.53MB / 14.13MB	44.54MB / 14.13MB	14.22MB /	14.22MB /
seg_repair_plausibility	14.93MB / 3.658MB	14.93MB / 3.658MB	11.79MB /	11.79MB /
ocropy_deskew_region	51.12MB / 15.91MB	51.12MB / 15.91MB	21.05MB /	21.06MB /
ocropy_clip	51.84MB / 4.851MB	51.84MB / 4.851MB	21.05MB /	21.06MB /
tesseractocr_seg_line	56.52MB / 7.138MB	56.52MB / 7.138MB	14.37MB /	14.37MB /
ocropy_dewarp	64.76MB / 24.30MB	64.76MB / 24.30MB	21.11MB /	21.11MB /
calamari_recognize	141.2MB / 14.70MB	141.2MB / 14.70MB	82.80MB /	82.80MB /
merging_mets	-	-	12.79MB / 2.735MB	12.80MB / 2.738MB